



Linda S. Adams  
Secretary for  
Environmental  
Protection

# California Regional Water Quality Control Board Central Valley Region

Karl E. Longley, ScD, P.E., Chair

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<http://www.waterboards.ca.gov/centralvalley>



Arnold  
Schwarzenegger  
Governor

21 January 2009

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Edison Hicks  
Integrated Waste General Manager  
2812 Meadowview Road  
Sacramento, California 95832

## **SITE INSPECTION FOR THE 28<sup>TH</sup> STREET LANDFILL, SUTTERS LANDING PARK, AND THE DELLAR TRUST PROPERTY, SACRAMENTO COUNTY**

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) staff conducted wet season site inspections at the 28<sup>th</sup> Street Landfill, the Sutters Landing Park, and the Dellar Trust Property on 13 January 2009. Post closure maintenance of the 28<sup>th</sup> Street Landfill is ongoing. Staff's observations of the landfill cover included a mature vegetation cover where no channeling or rills of the soil cover was evident. The only observation of concern was standing water in the eastern storm water ditch adjacent to Unit A. Staff recommends the Discharger regrade the ditch to drain. Sutters Landing Park is a project in progress. The site inspection focused mainly on storm water controls and it appears the City has installed the appropriate BMPs and that good progress toward completion is being made.

The focus of the Dellar Property site inspection was storm water related. The construction storm water permit issued to the Discharger requires that BMPs be installed prior to the wet season. The Discharger had stockpiled approximately 65,000 cubic yards of soil to be used to construct an earthen cover. The stockpile was placed in a lift approximately 10 feet high and graded flat. The stockpile had some standing water but the surrounding surface of the landfill was well vegetated and standing water was not observed on the surface. The side slopes of the soil lift were not channelized or eroding and a significant grass buffer exists between the soil lift and property boundary. It is staff's opinion the required BMPs do not need to be installed until construction of the soil cover begins. Staff should be kept informed if additional soil will be imported to the site.

Please contact me at (916) 464-4737 if you have any questions.

Todd A. Del Frate  
Engineering Geologist  
Title 27 Compliance & Enforcement

Enclosure(s) Site Inspection Report

California Environmental Protection Agency



cc: Patrick Palupa, Office of Chief Counsel, State Water Resources Control Board, Sacramento  
Frank Davies, California Integrated Waste Management Board, Sacramento  
Dawn Owen, California Integrated Waste Management Board, Sacramento  
Lisa Todd, Sacramento County Environmental Management Department, Sacramento  
Gerald C. Hicks, City Attorney's Office, City of Sacramento, Sacramento  
Marty Strauss, Department of Utilities, City of Sacramento, Sacramento  
Dave Brent, Department of Utilities, City of Sacramento, Sacramento  
John Oleson, Department of Utilities, City of Sacramento, Sacramento  
Michele Rudek, Department of Parks and Recreation, City of Sacramento, Sacramento  
Jeffory J. Scharff, Attorney, Sacramento  
Arelia De Luna Garcia, Moon Broadcasting Sacramento, LLC, Los Angeles

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The focus of the Dellar Property site inspection was storm water related. The construction storm water permit issued to the Discharger requires that BMPs be installed prior to the wet season. The Discharger had stockpiled approximately 65,000 cubic yards of soil to be used to construct an earthen cover. The stockpile was placed in a lift approximately 10 feet high and graded flat. The stockpile had some standing water but the surrounding surface of the landfill was well vegetated and standing water was not observed on the surface. The side slopes of the soil lift were not channelized or eroding and a significant grass buffer exists between the soil lift and property boundary. It is staff's opinion the required BMPs do not need to be installed until construction of the soil cover begins. Staff should be kept informed if additional soil will be imported to the site.

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Arelia De Luna Garcia, Moon Broadcasting Sacramento, LLC, Los Angeles

**INSPECTION REPORT**

**DATE:** 16 January 2009

**FACILITY:** 28<sup>th</sup> Street Landfill/Sutters Landing/Dellar Trust Property

**DISCHARGER:** City of Sacramento and Dellar Trust

**LOCATION & COUNTY:** Sacramento

**CONTACT(S):** Marty Strauss, John Oleson

**INSPECTION DATE:** 13 January 2009

**INSPECTED BY:** Todd Del Frate

**ACCOMPANIED BY:** John Moody

**SUMMARY:**

Staff inspected the 28th Street Landfill in conjunction with the Sutters Landing project and Dellar Trust Property. No significant concerns were noted on the closed units of the landfill. Staff observed animal burrows along the southeast side slope of unit A but according to City staff, the side slope was constructed of concrete and soil that allows the burrowing animals den space below the surface. There was no observed refuse or seeps along this side slope nor burrows observed on the top deck. The vegetation cover along the side slope and top deck is well established and in excellent shape. One minor issue observed was standing water in a drainage ditch. Staff recommended regarding the ditch. See Figures 1 and 2.

Staff inspected the Sutters Landing Park. The City has placed fill mounds around the doggy park area and is currently finishing up work on the geomembrane barrier layer and drainage system. The subdrains for the park are functional, which should allow the City to continue working through the winter and finish by early spring. The City will begin Phase 2 improvement which include landscaping, ball courts, restroom and other park amenities north and NE of the dog park. Phase 2 should be completed by end of summer. No significant storm water concerns, but may be worth another storm water inspection in a month or so to check site status and storm water compliance. As shown in Figures 3 and 4, the site is nearing final grade and storm water controls are in place.

Staff inspected the Dellar Trust Property that is regulated under Cleanup and Abatement Order (CAO) No. R5-2008-0705. The CAO requires the discharger to prepare a Final Closure Plan for the facility. Elements of the FCP include a storm water pollution prevention plan (SWPPP) and erosion control plan (ECP). The Dischargers are also required to obtain a construction storm water permit for stockpiling soil on site and prevent erosion and sedimentation of on site soils and potential discharge off site. The Dischargers have complied with obtaining a construction storm water permit and have submitted the SWPPP and ECP in accordance with the CAO.

Staff's inspection focused on the 65,000 cubic yards of soil stockpiled on site during the fall of 2008.

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The construction storm water permit requires that storm water controls be installed prior to the wet season. However, the current surface of the property is hummocky and by all appearances, self contained. Since differential settlement has occurred over many years and the existing soil cover is likely highly permeable, it is staff's opinion that accumulating storm water is unlikely to leave the site. Standing water on the landfill surface was not evident. The 65,000 cubic yards of soil stockpiled was placed in a flat lift approximately 10 feet high.

The top deck is compacted from heavy equipment and only had minor standing water during the site inspection. Staff's initial concern about the installation of storm water controls were alleviated during this site inspection. Based on the observations made it appears the site can and has absorbed what little precipitation has fallen. There doesn't appear to be a natural storm water drainage off site and the landfill surface resides at an elevation below the surrounding properties. As shown in Figure 6 there exists a significant grass buffer on both sides of the soil lift. In accordance with the CAO, the Discharger has to October 2010 to complete the proposed final cover.



Figure 1: Side slope of Unit A. Note thick stand of grass. View is looking southwest. Staff observed animal burrows but no signs of refuse or seeps along length of unit.



Figure 2: Top deck and eastern drainage ditch that has standing water. Note thick stand of vegetation on top deck. Drainage ditch needs to be graded to drain.



Figure 3: Sutter Street final grading



Figure 4: Storm water controls in place.

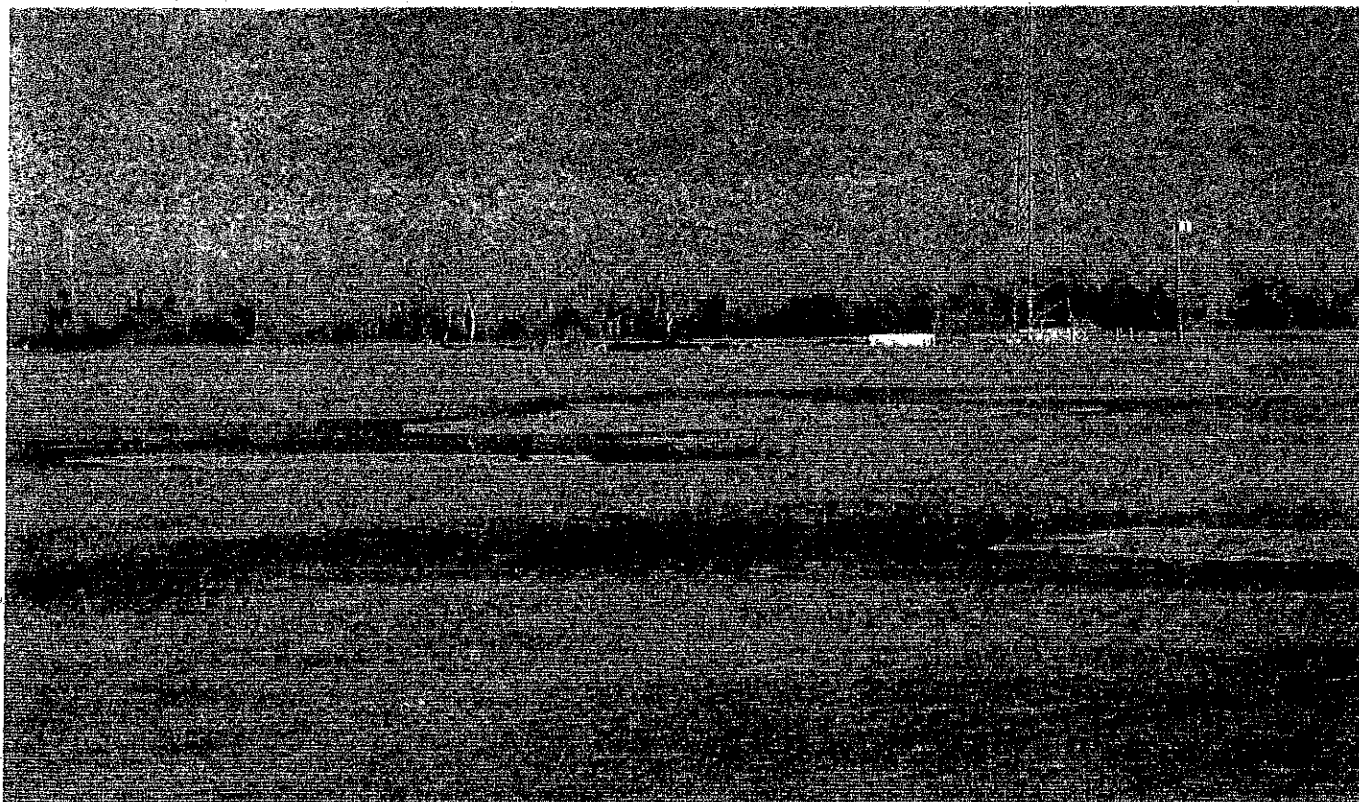


Figure 5: Looking north across the deck of 65,000 cubic yards of stockpiled soil.



Figure 6: Looking southwest along slope of soil lift. Note significant grass buffer to absorb and filter storm water. No channeling or rilling evident.